

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP03/07678

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G06K19/077, 19/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ G06K19/077, 19/07

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X A	JP 2003-16408 A (Mars-Engineering Corp.), 17 January, 2003 (17.01.03), Par. Nos. [0048] to [0053]; Fig. 6 (Family: none)	1, 9-12 2-8, 13-15
X A	US 6021949 A (Etablissements Bourgogne et Grasset), 08 February, 2000 (08.02.00), Column 6, lines 20 to 29; Fig. 6 & AU 3081795 A & DE 694872 T & TR 960089 A & DE 69521173 D & EP 694872 A1 & FR 2723228 A & WO 96/3712 A1 & CA 2172260 A & ZA 9506214 A & NZ 290164 A & AT 201937 T & ES 2159611 T & PT 694872 T & DE 69521173 T	9-11 1-8, 12-15

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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16 September, 2003 (16.09.03)

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Name and mailing address of the ISA/
Japanese Patent Office

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PCT/JP03/07678

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6264109 B1 (Etablissements Bourgogne et Grasset), 24 July, 2001 (24.07.01), Column 10, lines 12 to 29; Fig. 12 & AU 6840698 A & ZA 9801964 A & FR 2760331 A & FR 2760330 A & WO 98/39989 A1 & WO 98/39988 A1 & EP 973420 A & AT 235847 T	9-11 1-8, 12-15
X A	JP 5-50790 A (Matsushita Electric Industrial Co., Ltd.), 02 March, 1993 (02.03.93), Full text; all drawings (Family: none)	9-11 1-8, 12-15
A	JP 9-501533 A (GAY FRERES VENTE ET EXPORATION S.A.), 10 February, 1997 (10.02.97), Page 12, line 27 to page 14, line 5; Figs. 6 to 8 & WO 95/28713 A1 & CA 2165169 A & EP 704092 A1 & US 5703395 A	1-15